



**NTSB** National Transportation Safety Board

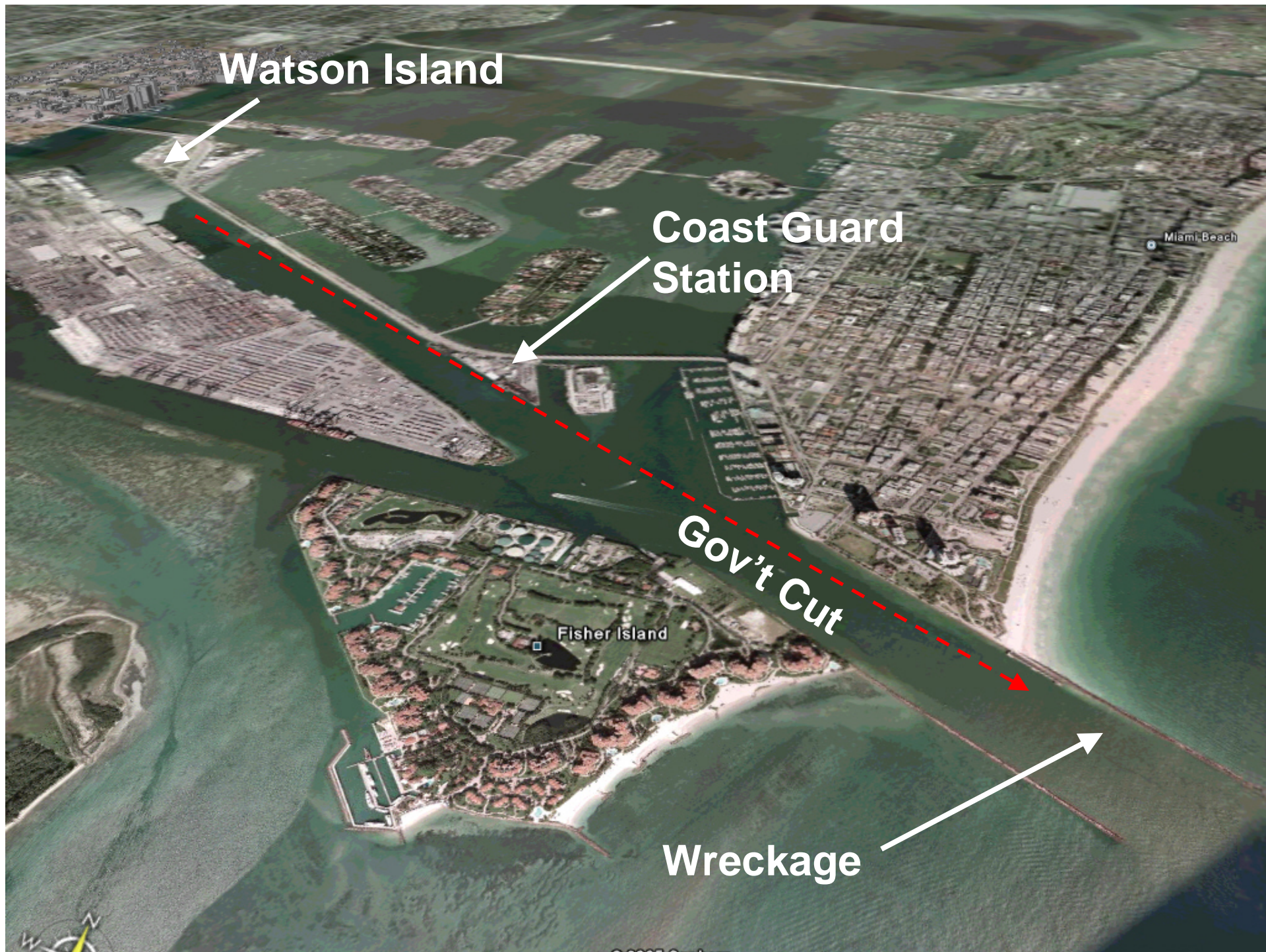
*Office of Aviation Safety*



## **Chalk's Ocean Airways G-73T Seaplane**

Port of Miami, Florida

December 19, 2005





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# Right Wing Separated



# Accident Information

- 2 crew, 18 passengers fatal
- Major go-team assembled
- Chairman Rosenker on scene

# History

- Chalk's began service in 1919
- Chalk's used Mallards since 1970s
- Accident airplane built in 1947
- 31,000 hours, 40,000 cycles

# Wing Failure

- Preexisting fatigue cracks
- Not effectively identified/repaired
- Did not correct underlying damage
- Led to failure of wing



# Safety Issues

- Maintenance program and practices
- FAA oversight of maintenance
- Aging Aircraft Regulations

# Parties to the Investigation

- Federal Aviation Administration
- Chalk's Ocean Airways
- Frakes Aviation
- Hartzell Propellers
- Grumman Mallard Owners Association

# Accredited Representatives

- Transportation Safety Board of Canada
  - Transport Canada
  - Pratt & Whitney Canada
- Bahamas Ministry of Transport

# Other Agencies

- U.S. Coast Guard
- Federal Bureau of Investigation
- Miami Beach Police
- Australian Transport Safety Bureau

# Further Presentations

- Laboratory examination
- Chalk's maintenance and FAA oversight
- Aging aircraft safety regulations



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